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L22: Entry 13 of 13

File: DWPI

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TITLE: Friction disk mfr. - from mixt. of reinforcing fibre materials, inorganic and organic fillers, friction and abrasion modifiers and thermosetting resin binders

Basic Abstract Text (1):

The mfr. of friction disks involves preforming a mixt. consisting mainly of reinforcing fibre materials, inorganic and organic fillers, friction and abrasion modifiers, and (A) thermosetting resin binders; theRmoforming; and curing the mixt. The mixt. is granulated while the reactivity of the thermosetting resin binders is controlled, and the obtd. granules are volumetrically weighed and preformed.

Basic Abstract Text (2):

The content of (A) is 15-30 vol.% of the mixt. The granules are obtd. by extruding or press moulding the mixt. and grinding the obtd. moulding without subjecting it to heat treatment.

Basic Abstract Text (4):

USE/ADVANTAGE - The friction disk is used for brake linings of electromagn etic clutches and clutch facings. It is possible to conduct the preforming with volumetric feed system and mould the granules without further addn of (A). Simplification of process and automation of equipment is possible.